

DXpedition News

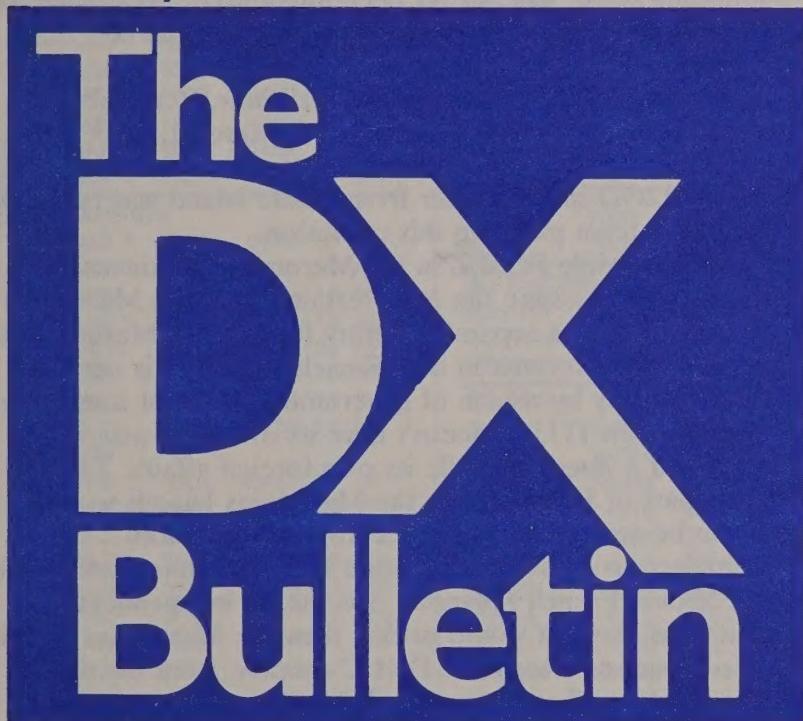
Issue 469

Mellish Reef - VK9Z The VK9ZM DXpedition (OC-72) is set for Jan. 8-16, 160-6 meters, CW, SSB, and RTTY. No WARC band operation. On 160, watch 1827/32 kHz. Sunrise 1908Z, sunset 0815Z. On CW, try 20 kHz up, and on SSB monitor 3795, 7055, 14195, 21195, and 28495 kHz. On 6 meters, they'll monitor 50.110 MHz. QSL NM2L. The group moves on to Willis Island as VK9ZW after the Mellish operation.

Ogasawara - JD1 Look for JA3EMU/JD1 Jan. 12-14, concentrating on the low bands. 1910 kHz on 160, CW only. 3 kHz up on 80 and 40 meter CW, and 3795 or 7040 kHz on SSB. Sunrise 2120Z, sunset 0800Z. QSL to home call. He's particularly interested in working US and Europe.

Mozambique - C9 Jan. 13-15 is the next scheduled C9MKT operation. 21335 kHz at 1800Z, 14195 kHz at 1600Z, and 28595 kHz at 1430Z are good spots.

Edited by Chod Harris VP2ML



Islands On The Air

- Bernhard DL2GAC will attempt to activate some new ones for IOTA following his India low-band operation in January. (See Issue 468.) Tioman Is. (AS-46), Trobriand, Louisiade, d'Entrecasteaux, and islands in the Solomon and Bismarck archipelagoes are on the tentative itinerary. Callsigns should be: VU2BMS, 9M2QR/p, and P29V--. Watch the IOTA frequencies of 14260, 21260, and 28560 kHz, and 14275, 21275, and 28575 kHz. QSL home call no earlier than May.
- The Radio Club Venezolano will activate Los Roques Islands (SA-???) Feb. 3-6, 160-10 meters, all modes, as **YWSLR**. The operation commemorates the 52nd anniversary of the National Guard. If you work them on at least four bands, you are eligible for a prize drawing. QSL to the club at Apdo. 2285, Caracas 1010-A, Venezuela.
- Recent activity: **VE2FZZ** (NA-38) 14260 1300Z; **PJ8AM** (SA-25) 28471 1000Z; **WB7OVU/KL7** (NA-87) 14260 1800Z; **YB5NOC** (OC-75) 21254 0000Z; **JH6DTX/6** 21250 0040Z.

January 6, 1989

Reserve Your Island

- Steve K4FJ will operate ARRL CW as **8P9X** from Barbados. He'll use **8P9HR** outside the test. He'll multi-op the same call with K3KG and K3ZR in the SSB test. Those ops will sign **8P9HQ** and **8P9HU** before and after the contest. QSL 8P9X to K4FJ, 8P9HQ to K3ZR, and 8P9s HR, HT, and HU to K4BAI.
- Jim Cain K1TN has cancelled his planned ARRL CW operation from The Last Resort in Montserrat. To reserve The Last Resort for this contest, call (707) 523-1001.

QSL Information

- QSL the recent **ZF2NF** operation to WB8GEX, and the **ZF2NH** operation to W2YG.
- Terry N6CW says the **KP2A** cards are at the printer and should be out by the end of the month. Terry is also handling the **SU1ER** cards from CQWW CW Nov. 24-27, by N6AA.
- Cards sent to **3W8DX** and **3W8CW** to the wrong postal code have been delivered to the proper address without delay. Don't send back-up cards.
- WA8JOC, QSL manager for **J52US** reports that he has not yet received any logs after Oct. 1, 1988. One copy of the logs was lost in the mail, and a duplicate has been sent to him, but he has a backlog of over 4,000 cards now, and asks that you don't send any more cards until February. Cards for contacts in the CQWW SSB contest will be processed last.

Shortly Noted

- **LU2ZC** will be active from King George Is. in the South Shetlands (AN-10) for about a year. Felix operates CW on 3505, 7005, 14025, 21025, and 28025 kHz. QSL GACW, Box 9, CP1875 Wilde, BA, Argentina. Logs are forwarded every three months, so be very patient.
- **TU4BR/SU7** left Niger at the beginning of the year.
- **JX1UG** on Jan Mayen (EU-18) is on 1837 kHz at 1800Z weekends, according to **DXNS**.
- **ZD8JP** is very active now (see **Bandpass**) QSL G3ATK.
- Five **LY2** stations are on to Jan. 19: ZA, ZO, ZZ, WW and WR. Work all five for a pennant, with five IRCS to Box 1000, Vilnius, Lithuania USSR 232001. QSL **LY2ZZ** direct to UP1BZZ, Box 71, Siauliai, Lithuania, 235400 (US\$1 okay.)
- **9M6HF** is on weekends on 21080 kHz CW at 0030Z. QSL WE2K.
- Regulars (call, frequency or band, UTC): **9M2AZ** 3503 2230Z; **TU4CO** 3501, 7010, or 14010 at 2200Z; **VS6DO** 3505 1145Z; **OD5VT** 75M 0330Z; **VK6LK** 3797 long path 2100Z; **3B8CF** 14033 0350Z; **PY0FF** 14025 2200Z Saturday; **RV0YF** (Zone 23) 20M CW 0330Z; **3DA0AH** 14240-260 0345Z; **TU2JL** 14180 0500Z; **ZD8BOB** 21010 2030Z; **J52US** 21313 2000Z; **TL8HW** 21230 2000Z; **9X5AA** 28015 2000Z; and **YI1BGD** 10M SSB 12-1400Z
- RTTY Activity: **7P8DR** 14082 0420Z; **7X2CK** 14091 0920Z; **9K2DZ** 14072 ARQ 0400Z; **TA2BE** 28074 ARQ 1400Z; **UT5RP** 21085 1400Z; **SV9AKD** 21076 FEC 1540Z; **A35SA** 14084 0800Z; and **RL8PYL** 14082 1250Z.
- SSB nets: 40M **SM7CRW** ON6DK OZ4MD CT4NH LY2Z; 20M **9M2FR** 1Z9A FH8CB D68MG ZL7TZ VK0GC **UA1OIL** 4S7NMR F05LZ JX1UG; 15M **TZ6MG** FH4EE **3DA0AH** 3B9FR 5H3RB EA9KQ ST5CK Z21CL 5V7SA **7P8CI** ZD7CW.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
January 1989			
6	Above Normal	12/10 164	08/11 0
7	High Normal	12/11 184	15/15 3
8	High Normal	12/12 180	11/12 2
9	High Normal	12/13 186	20/20 4
10	High Normal	12/14 215	12/13 4
11	Above Normal	12/15 219	09/10 2
12	High Normal	12/16 239	22/21 3
13	Below Normal	12/17 250	25/33 5
14	Low Normal	12/18 253	21/23 3
15	High Normal	12/19 249	17/20 3
16	Above Normal	12/20 252	06/07 2
			11/22 150 03/06 1

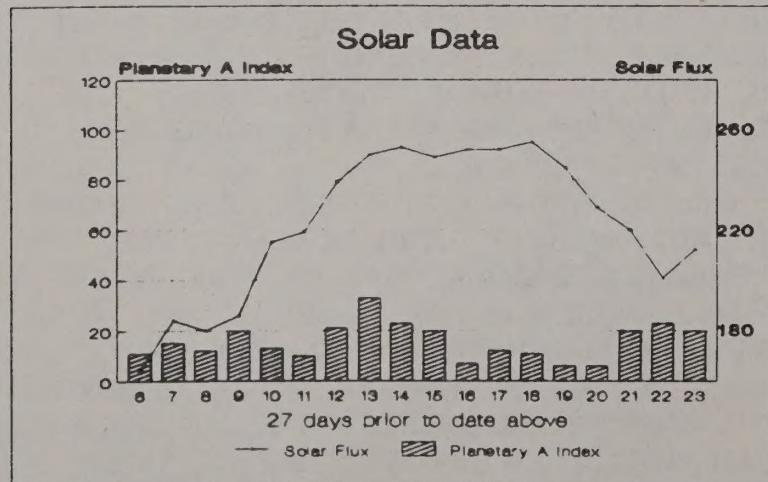
Propagation Watch

The sun gave DXers a Christmas present in the form of excellent propagation in the last two weeks of the year. Solar flux jumped up above 250, a level not seen in six years. Although the geomagnetic field was more active than DXers might prefer, there were several days of relatively quiet conditions, a boon to low-banders.

The sudden jump in solar activity was a break from the 27- and 55-day previous pattern, and it is too early to tell if solar flux will rise again in January. However, the sun seems to have broken out of its long spell of moderate activity that characterized November and early December. Even after the solar flux dropped from its 255 peak, it has remained above the 180 mark.

This boost in flux comes at the wrong time to year to provide good high-band conditions after local sunset, but it bodes very well for the Spring season. Meanwhile, DXers can enjoy excellent long-path openings around local sunrise, to the west. 40 and 20 meters provide the best signals, but 80, 160, and 30 meters can also be worth checking. East coast DXers work India and Asia, and West coast DXers find Europe and the Middle East coming in well. During the daylight hours, the higher bands are usually good, subject to occasional geomagnetic disturbances. 10, 12, and 15 meters tend to die around local sunset, but 20 meters provides some polar-path DX after dark.

The solar flux peak did wonders for 6 meters, which opened up daily during late December. The East Coast to Europe path was open well after sunset in Europe on some days. J52US in Africa was worked as far west as California. The South and Central American stations were also workable from the US and Europe on occasion. The wide-spread F2 openings were a taste of what the next two or three years will provide for 6-meter DXers. 6-meter Bandpass to the right.



DX in Discover

The January, 1989, issue of *Discover* magazine includes a two-page article on DXing, beginning on page 82. The article features Paul Young K1XM and his wife Charlotte Richardson KQ1F. The couple met the article's author on one of their DXpeditions to Galapagos, and includes a visit to their home in Hudson, MA. ("Their house is easy to find. It's the only one with a 90-foot radio tower in the back yard.")

Despite some confusion between QSL and QSO, the article captures much of the spirit of DXing, at least as far as non-hams are concerned. It's well worth the \$2.50 cover price. Only one problem: neither Paul nor Charlotte mentioned The DX Bulletin!

Rotuma, and Other New Ones

As expected, the ARRL Headquarters Awards Committee concurred with the DX Advisory Committee, and voted to add Rotuma 3D to the DXCC list. They also accredited the 3D2XX operation, so those cards will count for credit when they come out later this month.

The exact start date for Rotuma, and the date for submitting cards, has not yet been announced. Meanwhile, do not send cards to the ARRL for credit. They will be returned.

The 4J1FS cards are in the mail now. Remember not to submit these for DXCC credit until March 1, 1989. Another M-V Island operation is on tap for this Spring. OH0/UR2GD in December from Aland Island was probably part of the team planning this operation.

Meanwhile FOSLZ in the Marquesas continues to draw a crowd, despite the near certainty that the Marquesas will not count as a separate country for DXCC. Marquesas is different from Rotuma in that French Polynesia is not a DXCC country by reason of government. It is not a member of the UN nor ITU, it doesn't have its own ITU-assigned prefix, and it doesn't handle its own foreign affairs. Tahiti is clearly part of France. Thus the Marquesas Islands would have to be more than 500 miles from the Tuamotu archipelago to count as a separate DXCC country, under rule 2(b). Should French Polynesia become an independent country, as resident would prefer, then the Marquesas would indeed count as a separate DXCC country, from the date of independence. The Marquesas does count as a separate Islands On The Air entry: OC-27.

6-Meter Bandpass Reports

6 Meters			
CT1DQ	50115	1335	21 ME
CT4KQ	50110	1354	21 MA
EI5FK	50120	1412	21 ME
EI7EH	50155	1616	26 MA
F6BSJ	50098	1457	21 MA
GI6ATZ	50155	1611	21 MD
GI8YDZ	50107	1410	21 MA
GJ4ICT	50120	1445	21 ME
GM0EWX	50131	1426	23 MA
GM1KHG	50200	1522	21 MA
GU1DWO	50140	1605	26 ME
GW3MHW	50108	1458	21 VA
GW4HXO	50121	1352	23 MA
HC1BI	50102	1500	25 MA
HC2FG	50120	1552	18 VA
HC5K	50109	1473	25 ME
HH7PV	50108	2114	25 CA
J52US	50091	1607	18 FL
J52US	50091	2145	25 CA
KG4SM	50120	1709	21 MD
KH6JJ	50110	1920	17 OR
OA8ABT	50104	1419	18 FL
P43AS	50105	1435	25 ME
PA0GJV	50130	1546	24 ME
PA0HIP	50096	1403	21 MA
PA0OOS	50088	1458	21 FL
PZ1AO	50110	1559	15 NH
PZ1AP	50104	1343	26 MA
SZ2DH	50110	1705	13 NS
TI2HZ	50120	1443	25 ME
VP5D	50105	2112	25 CA
ZD8MB	50003	1447	22 ME
ZS3E	50105	1900	26 ME

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.

All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

5N9FRC	14092	0105	21	CA
5U7XX	14084	0010	27	CA
6W6JX	14096	0652	23	WA
8P6PC	14096	0425	17	OH
CO2BB	28093	2030	24	CA
PZ1DX	14097	0230	19	OH
RL8PYL	14096	0406	25	WA
SV9/	14078	1730	22	WA
SV0AC				
TI2ALG	14076	0233	25	WA
V21AR	28092	1450	17	OH
XE1UMC	14088	0321	21	OH
YI1BGD	14085	1715	13	WA
YO2IS	28090	1212	20	CA

160 Meters

A92BE	1840	0315	13	MA
EA3VY	1832	0650	14	WA
KH6AT	1834	1140	20	CT
KX6DC	1833	0712	21	WA
LZ1KDP	1839	0512	18	MD
OK1DQT	1832	0620	16	MA
PY1RO	1832	0536	27	WA
RF6QAI	1835	0105	23	MA
UA2FCB	1833	0608	18	MA
VS6DO	1825	1132	22	CT
YO3APJ	1832	0432	18	MD
ZS5BK	1828	0029	29	MA

80 Meters

9M2AX *	3507	2148	17	PA
9Q5DX	3505	2315	20	NH
CX4SB	3502	2330	19	NH
HZ1AB *	3505	1425	18	WY
JA1HQT	3501	1120	23	NH
KH6CF	3501	1100	18	NH
KX6DC	3508	1244	24	AK
NH2/	3500	1158	24	MA
KD7P				
SU1EE	3501	0457	27	AK
TU4CO	3501	2213	20	FL
UA0FZ	3506	1108	17	PA
UA0FZ *	3506	2134	18	MA
UG6GAW	3503	0218	19	MA
UP2BIP	3501	0245	29	MA
UV9FM	3503	0451	13	NY
UW0CW *	3507	2158	17	PA
VS6DO	3508	1155	20	MA
ZD8IAN	3503	2325	26	VA
ZS5LB	3508	0311	19	VT

75 Meters

3DA0AH	3777	0320	28	MA
3X1SG	3795	0600	11	MA
5B4OA	3799	0345	20	CT
7X4AN	3793	2140	21	MA
9K2RA	3794	0030	16	FL
9M2AX	3797	1133	28	VA
9M8PV *	3788	2211	26	VA
A92BE	3798	0309	13	MA
BY4WNG	3789	1530	24	WA
JA6IEF *	3794	2133	19	MA
KC6JC	3800	1145	15	MA
OD5VT	3799	0327	23	MA
T77T	3799	0439	19	VT
TR8AHO	3790	2142	22	MA
TU2QQ	3792	2121	24	VA
TZ6MG	3799	2300	14	MA
VK6LK *	3797	2111	28	MA
ZS1RL	3798	0401	24	WA

40 Meters

3A2AG	7007	2154	13	MD
3B8CF	7004	0208	23	FL

4Z4DX 7001 0256 20 MA

7P8EG 7063 0330 24 MA

7X3DA 7002 2158 15 MD

9M2AX 7004 1623 24 OR

9N88C * 7005 1230 25 AK

9Q5DX 7003 0113 21 NJ

BV2A 7008 1515 22 CA

BY4RB 7008 1212 17 MD

DU3/ 7003 1200 18 CT

K4SXT

HZ1AB * 7004 1339 19 WY

KG4SM 7012 1133 22 VA

LZ1V * 7002 1507 25 ID

OZ1FT * 7004 1400 18 IL

P29PL 7003 1248 18 AL

SU1EE * 7018 1500 15 MT

T32AF 7003 0435 14 MT

TA1AW 7001 0109 20 FL

TA3D 7004 0339 18 MI

TU4CO 7009 2208 18 VA

UA1O/ 7005 0036 22 FL

UA0BEZ Franz Josef Land

UC2ADX * 7008 1404 14 OR

UF6QAK 7012 0014 17 NY

UL7CAD 7013 0436 24 WA

UR1RWN 7006 0702 14 OH

VS6DO 7003 1150 19 OH

VS6WV 7004 1420 17 CA

VU2WN * 7008 1304 27 AK

Y42MK * 7001 1507 22 CA

ZD8IAN 7004 0111 21 FL

ZD8TAL 7007 0225 23 CA

ZS1AX 7006 0404 16 MI

30 Meters

9Q5UN 10109 1950 17 NH

GD4RAG 10100 1958 18 CT

HB9DGV 10104 2334 20 TN

20 Meter CW

3B8CF 14032 0353 27 CA

4K0D 14024 0036 25 PA

4S7EA 14003 0116 22 MT

5N0SKO 14015 0700 24 MT

9J2BO 14021 0638 19 CA

9M2AX * 14022 0004 17 AL

9Q5DX 14008 2159 19 MT

9X5AA 14010 2008 14 MT

A41JZ 14009 0337 23 MN

AP2UR 14050 1315 23 OH

BY9GA 14027 0034 27 MD

CE0ZIG 14010 0140 24 CA

EL2EF 14009 0135 23 CA

FT4ZE 14033 0128 27 MD

FT4ZY 14032 0121 27 MD

HZ1AB 14028 1455 22 OH

JT1KAI 14025 0247 16 WA

LY2WW 14031 2330 29 NH

LY2ZO 14019 1248 22 OH

PY0FF 14026 2212 24 MT

RH8AX 14013 0554 22 WA

RV0YF 14005 0335 17 AL

ST2KR 14017 2335 12 MA

SU1EE 14019 0518 19 AZ

TU4CO 14009 2215 17 FL

UA0HAE 14024 0354 24 FL

UA0XAJ 14024 0340 23 MN

UA0YAL 14008 0242 23 MT

UA0YO 14007 0212 25 MD

UA1O/ 14006 2120 21 FL

UA0BEZ Franz Josef Land

UA1OIL 14017 2012 20 FL

UA9ACQ 14016 0351 24 FL

UH8AAX * 14017 1330 16 MA

UI8AXX * 14030 1252 11 MA

UI9AAB 14042 0604 22 NY

UI9CQ 14028 0248 22 CO

UI9QWA 14017 0513 20 KY

UJ8XDH 14026 0302 20 OH

UL7OAP 14032 1338 23 OH

UL8RWC 14061 1421 21 CO

VS6UW * 14003 1207 27 MA

VS6WV 14007 1445 25 MT

ZD8JP 14012 0211 27 WA

ZS3BI 14029 2140 16 NY

CN8EL 21235 2141 17 CT

J52US 21313 2000 18 AZ

JD1/ 21239 0302 17 TN

JH1MAO

S83H 21229 1908 19 NJ

TA2/ 21210 1605 22 IA

N4EXR

TL8HW 21230 1913 15 MA

TU2UN 21268 2224 18 NJ

UA1OT 21287 2157 26 MD

VR6MW 21382 0048 19 NY

VR6TC 21348 0125 21 IA

YI1BGD 21230 1550 18 VA

ZD8RP 21270 1355 18 MI

12 Meters

4X6XR 24945 1511 18 CT

9K2DR 24951 1400 18 VA

HV3SJ 24976 1327 17 NY

OD5QX 24936 1548 17 VA

TA2AO 24909 1350 22 VA

TU2QQ 24956 1529 18 VA

VU2ZAP 24960 1453 18 CT

ZD8BOB 24906 1605 18 NH

10 Meter SSB

6T2AL 28007 1230 23 GA

9X5AA 28015 2030 21 IA

FK8FN 28021 0012 21 NJ

HZ1AB 28011 1515 18 PA

LY2WW 28026 1242 20 NB

OD5LX 28027 1420 19 NH

RD6DEX 28034 1302 17 FL

SV9ADH 28012 1727 13 CT

TA2AO 28018 1347 21 LA

UA2FZ 28034 1447 19 FL

VU2IN 28023 15

1 498 YOUR SUBSCRIPTION ENDS 89/10
ALFRED A LAUN K3ZD
5801 HUNTLAND ROAD
TEMPLE HILLS MD 20748

Bulletin, P.O. Box 50, Fulton, CA 95439.
POSTMASTER: Send address changes to **The DX**
Second-class postage paid at Santa Rosa, CA.
One-year subscription rates are: \$29 Second Class
Mail, \$38 First Class Mail, US\$50 Foreign Airmail.
P.O. Box 50, Fulton, CA 95439 (707) 523-1001.
(ISSN 0279-8077) is published fifty times per year at
Copyright The DX Bulletin. The DX Bulletin

FIRST CLASS MAIL

First Class
U.S. Postage Paid
Santa Rosa, CA
Permit No. 550

P.O. Box 50
Fulton, CA 95439
U.S.A.



Calendar

Issue 469 - January 6, 1989

(Changes and hot info in boldface.)

Algeria - 7X
American Samoa
Antarctica

Aruba - P40
Ascension - ZD8

Bahrain - A9
Barbados - 8P
Central Africa - TL
Chagos - VQ9
China - BY
Egypt - SU

Guinea-Bissau - J5
Hong Kong - VS6
India - VU
Iraq - YI
Ivory Coast - TU

Jan Mayen - JX
Laccadives - VU7
Lebanon - OD
Lesotho - 7P8
Lithuania - LY
Malagasy - 5R
Marion Is. ZS8
Marquesas - FO
Mauritius - 3B
Mellish Reef - VK9

Minami Torishima
Mongolia - JT
Montserrat - VP2M

Mozambique - C9

Netherlands Antilles
Ogasawara - JD1
Papua New Guinea
Rwanda - 9X
St. Vincent - J8
South Shetlands

7X3DA 40M CW 0630-0730Z	I466	South Shetlands
KH8/IK2GNW Dec. 27-Jan. 8	I468	Sri Lanka - 4S
KC4AAA 14240-250 04-0600z	I463	
Y88POL 20M SSB 0030Z	I466	Sudan - ST
P40T M/S ARRL SSB	I467	
ZD8JP active now for 6 months	I469	Tanzania - 5H
ZB8BOB 21010 2030Z	I469	Trisan da Cunha - ZD9ZD9BV 28466 kHz 1600Z
A92BE 3795 kHz 0130Z	I468	Turkoman - UH
8P9X ARRL CW, SSB	I469	Turks & Caicos - VP5
TL8HW 21230 kHz 2000Z	I469	VP5/G0AZT, AA5AU Jan. 12-19
VQ9QM 21035-40 1430Z	I465	K2PZ, N2FGE, KN2N Feb. 4-11
BY4RB 7006 kHz 0600Z	I468	I466
SU1EE 7026/7005 kHz 00, 0430Z	I468	UI9AAB 20M CW 0230Z
SU1EK 28600 1300Z	I467	UI8FM 20M SSB 0330Z
J52US 21313 2000Z	I469	HV3SJ 21290 1545Z
VS6DO 1826/3504 1145Z	I468	West Malaysia - 9M2
Low Bands Jan. weekends	I468	9M2AX 3503 2230Z
YI1BGD 10M SSB 12-1400Z	I469	Zaire - 9Q
TU2JL 14180 kHz 0500Z	I469	Zone 23 - RV0Y
TU4CO 7010 0700Z	I468	
JX1UG 1837 1800Z weekends	I469	DX Activities and Contests
before March 30	I465	<u>Date</u>
OD5VT 3793 0300Z or 2100Z	I467	Jan. 7-8
7P8DP 15M SSB 1845Z	I467	Jan. 27-29
LY2ZA ZO ZZ WW WR now	I469	Feb. 18-19
5R8AL late January	I466	Feb. 24-26
ZS8MI April 1989	I465	Mar. 4-5
FO0FB early March	I467	Mar. 18-19
3B8CF 14033 kHz 0350Z	I469	<u>Event or Activity</u>
VK9ZM by VE3IEO Jan 7-16	I464	ARRL RTTY Contest
1827/32 kHz on 160	I467	CQWW 160 Meter CW Contest
20 upon cw, 3795 7055 14195	I469	ARRL CW DX Contest
JH7EAY/JD1 for six months	I464	CQWW 160M SSB Contest
JT1BG 15M SSB 0030Z	I463	ARRL SSB DX Contest
VP2M/F2JD now on CW	I466	BARTG Spring RTTY Test
VP2MU SSB by AA4NC	I467	<u>Contributors</u>
C9MKT Jan. 13-15, 21335 1800Z	I467	This Issue of <u>The DX Bulletin</u> would not have been
14195 1600Z, 28595 1430Z	I466	possible without the invaluable assistance of the following:
PJ9JT Jan. 10-April	I468	KH6BZF, SESC, AB8K, AG4S, AJ8B, K0CVD, K0DEQ,
JA3EMU/JDI Jan 12-14 160-40	I469	K0PP, K1IK, K1MEM, K2EK, K2JOZ, K2UFM, K3ZO,
P29KN 28595 0100Z	I465	K4BAI, K4MF, K5WGQ, K6IR, K6ZH, K7ABV, K7NW,
9X5AA 28015 2000Z	I469	K7RWT, K8CV, K9UY, KA1BSZ, KA1XN, KA4YAE, KA6A,
J8DX ARRL CW, SSB	I467	KA7T, KC7V, KE7X, KI8W, KJ4BK, KJ4GK, KJ4VH, KJ9I,
EA0BAE Jan 10-Apr 10	I465	KM1E, KM9J, KN7K, KQ3S, KR2Q, N1CIX, N2GLH,
7 up on CW, 7043, 14233, 21245		N2HOS, N4KG, N4MM, N4XR, N6IBP, N6IG, N9GMM,

NK2D, NR8Z, NS7Z, NX7K, VE1ACK, VE1YX, VE3NN,
W0JRN, W0RT, W1CYB, W1FV, W1HH, W1JR, W1NG,
W1NH, W3MFW, W4JVN, W4VQ, W6AUG, W6BJI, W6JOX,
W6UQF, W7AWA, W7LR, W8MEP, WA7WOC, WA8LLY,
WA9AQE, WB1AFL, WB3AVN, WB4OSN, WB4VKW,
WB5MTV, WB&JEY, WB8LVA, WB8SFF, WB8ZRL, WB9Z,
WJ7R, N7NG, WB8EUN, N6RVZ, KT7H, KD0JL, JA3EMU,
DL2GAC, YV5KAJ, KE4I, K4FJ, WB8GEX, W2YG, N6CW,
WA8JOC, W6OAT, WC6I, WB6Q, W1BFT, K1HDO,
KV4AM, K1TG, WW4G, AE1H, K4HMX, DXNS, and the
NCDXC. Thanks for your help! -ed.